Daily Diary Report by Bid Item

Contract No.: 04-0120F4
Diary #: 525 **Const Calendar Day:** 98 **Date:** 10-Sep-2012 **Monday**
Inspector Name: Brignano, Bob **Title:** Transportation Engineer
Inspection Type:
Shift Hours: **Break:** **Over Time:**
Federal ID:
Location:
Reviewer: Schmitt, Alex **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** **12 PM** **4PM**
Precipitation **Condition** Clear

Working Day ☑ If no, explain:

Diary: Dispute ☐

General Comments

ITEM 60 ERECT STRUCTURAL STEEL (BRIDGE)(SADDLE);
JACKING SADDLE; LOAD TRANSFER PREP FIELD WORK:

No field work today. ABF Safety checks the confined space air inside W2 first thing in the morning. The blower for fresh air inside W2 is not turned on today.

ITEM 60 ERECT STRUCTURAL STEEL (BRIDGE)(SADDLE);
TOWER SADDLE; PULLBACK/TIEBACK LOAD TRANSFER RELEASE:

No work today at the pullback/tieback anchorage location on YBI at the base of W2.

I have a discussion with ABF Engineer Adam Roebuck about the status of the tower pullback/tieback. I tell Adam that while the tower did not initially release or move after the tieback/pullback anchorage/cables were released, apparently being held back by the completed main bridge cable, a recent CT survey shows that the tower has moved during the progress of the load transfer steps. I tell Adam that per CT surveys after the initial release and progress of Step 1a (ADD), the tower pullback had shifted to 497mm per a CT survey, with this being move movement from the original pullback amount than was first seen immediately after the tieback/pullback anchorage/cables release. That was less movement/release than ABF had anticipated but within the submittal range of 518mm to 482mm for that load transfer step. I tell Adam that the preliminary result of today's CT survey is that the tower pullback had shifted to 454mm (note, later final survey result shows 452mm) with no additional tieback/pullback anchorage/cables release since the release work on 8/13/2012 and 8/14/2012. At the current step of load transfer, Step 1g (ADD) is complete and Step 1h (ADD) has not started yet, the tower pullback should be 482mm per the load transfer submittal. Adam says that the ABF surveys also show that the tower has moved without any additional release of the tieback/pullback anchorage/cables over the last few weeks. ABF plans to perform more tower surveys, check the tower tieback/pullback anchorage/cables liftoff forces, and release more after the start of Step 2c (ADJ) which is the next step where tower pullback is to be released - submitted range of 482mm to 357mm.